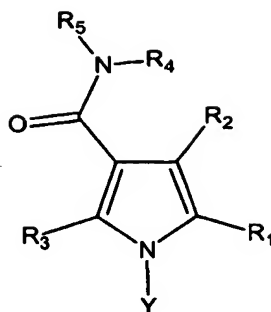


**We claim**

1. A compound of formula 1



Formula I

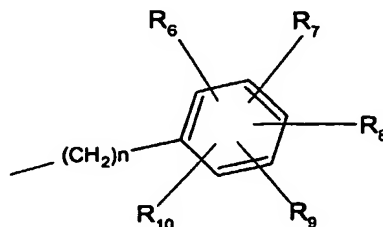
wherein

R<sub>1</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl; C<sub>3</sub>-C<sub>7</sub> cycloalkyl; or unsubstituted or optionally substituted phenyl having the phenyl substituents halogen, C<sub>1</sub>-C<sub>6</sub> alkyl, cyano or C<sub>1</sub>-C<sub>3</sub> perfluoroalkyl;

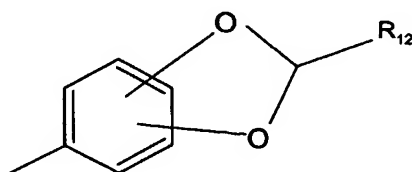
R<sub>2</sub> is unsubstituted or optionally substituted phenyl having the phenyl substituents cyano; acetyl; or unsubstituted or optionally substituted amino having the amino substituents C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, or acetyl;

R<sub>3</sub> is unsubstituted or optionally substituted C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>3</sub>-C<sub>7</sub> cycloalkyl having the alkyl or cycloalkyl substituents halogen; perfluoroalkyl; unsubstituted or optionally substituted amino having the amino substituents C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>3</sub>-C<sub>7</sub> cycloalkyl, or acetyl; hydroxyl; C<sub>1</sub>-C<sub>3</sub> alkoxy; protected hydroxyl; carboxyl; or C<sub>1</sub>-C<sub>3</sub> alkoxycarbonyl;

R<sub>4</sub> and R<sub>5</sub> are independently hydrogen; C<sub>1</sub>-C<sub>6</sub> alkyl; C<sub>1</sub>-C<sub>3</sub> cycloalkyl; or

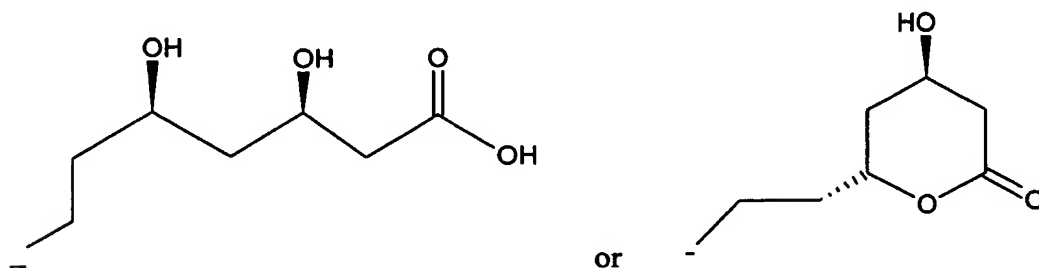


wherein  $n = 0$  or  $1$  and  $R_6, R_7, R_8, R_9$  &  $R_{10}$  are independently selected from hydrogen; halogen; hydroxyl; protected hydroxyl;  $C_1$ - $C_6$  alkoxy; unsubstituted or optionally substituted  $C_1$ - $C_6$  alkyl having the alkyl substituents hydroxyl or protected hydroxyl; unsubstituted or optionally substituted amino having the amino substituents  $SO_2 R_{11}$ ,  $COR_{11}$ ,  $CONH R_{11}$ , wherein  $R_{11}$  is  $C_1$ - $C_6$  alkyl, or aryl; cyano; acetyl; trifluoromethyl;  $C_1$ - $C_6$  alkoxycarbonyl; or two successive positions of the phenyl ring substituted by an unsubstituted or optionally substituted methylene dioxy group having the structure



wherein  $R_{12}$  is  $C_1$ - $C_3$  alkyl; with the proviso that when  $n=0$  at least one of  $R_6, R_7, R_8, R_9$  &  $R_{10}$  is hydroxyl or protected hydroxyl, with the further proviso that if only one of  $R_6, R_7, R_8, R_9$  &  $R_{10}$  is hydroxyl or protected hydroxyl, then at least one of the other substituents is not hydrogen.

wherein Y is



including the tautomers, racemates, pure enantiomers and diastereoisomers, N-oxides, or solvates of the compound of formula I.

2. A compound of claim 1 wherein  $R_1$  is phenyl.
3. A compound of claim 1 wherein  $R_1$  is phenyl substituted with one or more halogens or cyano groups.

4. A compound of claim 1 wherein R<sub>1</sub> is phenyl substituted with one or more halogens.
5. A compound of claim 1 wherein R<sub>1</sub> is phenyl substituted with one or more fluorine atoms.
6. A compound of claim 1 wherein R<sub>1</sub> is 4-fluorophenyl.
7. A compound of claim 1 wherein R<sub>2</sub> is phenyl.
8. A compound of claim 1 wherein R<sub>2</sub> is phenyl substituted with one or more halogens or cyano groups.
9. A compound of claim 1 wherein R<sub>2</sub> is phenyl substituted with one or more halogens.
10. A compound of claim 1 wherein R<sub>2</sub> is phenyl substituted with one or more fluorine atoms.
11. A compound of claim 1 wherein R<sub>2</sub> is 4-fluorophenyl.
12. A compound of claim 1 wherein R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>3</sub>-C<sub>7</sub> cycloalkyl.
13. A compound of claim 1 wherein R<sub>3</sub> is 2-methylethyl.
14. A compound of claim 1 wherein R<sub>3</sub> is cyclopropyl.
15. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently hydrogen.
16. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently phenyl.
17. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with a hydroxyl group and at least one or more halogens or cyano groups.
18. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with a protected hydroxyl group and at least one or more halogens or cyano groups.
19. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with a methoxy group and at least one or more halogens or cyano groups.

20. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with two or more hydroxyl groups.
21. A compound of claim 1 wherein R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with two or more methoxy groups.
22. A compound of claim 1 wherein R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with a hydroxyl group and at least one or more halogens or cyano groups.
23. A compound of claim 1 wherein R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with a methoxy group and at least one or more halogens or cyano groups.
24. A compound of claim 1 wherein R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more hydroxyl groups.
25. A compound of claim 1 wherein R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more methoxy groups.
26. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with a hydroxyl group and at least one or more halogens or cyano groups.
27. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with a protected hydroxyl group and at least one or more halogens or cyano groups.
28. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with two or more hydroxyl groups.
29. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with two or more protected hydroxyl groups.

30. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> and R<sub>5</sub> are independently phenyl substituted with two or more methoxy groups.
31. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with a hydroxyl group and at least one or more halogens or cyano groups.
32. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with a protected hydroxyl group and at least one or more halogens or cyano groups.
33. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more hydroxyl groups.
34. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more protected hydroxyl groups.
35. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently phenyl or phenyl substituted with one or more fluorine atoms, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more methoxy groups.
36. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently selected from the group consisting of phenyl, monofluorophenyl and difluorophenyl, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more hydroxyl groups.
37. A compound of claim 1 wherein R<sub>1</sub> and R<sub>2</sub> are independently selected from the group consisting of phenyl, monofluorophenyl and difluorophenyl, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more protected hydroxyl groups.

38. A compound of claim 1 wherein  $R_1$  and  $R_2$  are independently selected from the group consisting of phenyl, monofluorophenyl and difluorophenyl,  $R_3$  is  $C_1$ - $C_6$  alkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more methoxy groups.
39. A compound of claim 1 wherein  $R_1$  and  $R_2$  are independently selected from the group consisting of phenyl, monofluorophenyl and difluorophenyl,  $R_3$  is  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more hydroxyl groups.
40. A compound of claim 1 wherein  $R_1$  and  $R_2$  are independently selected from the group consisting of phenyl, monofluorophenyl and difluorophenyl,  $R_3$  is  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more protected hydroxyl groups.
41. A compound of claim 1 wherein  $R_1$  and  $R_2$  are independently selected from the group consisting of phenyl, monofluorophenyl and difluorophenyl,  $R_3$  is  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more methoxy groups.
42. A compound of claim 1 wherein  $R_1$  is 4-fluorophenyl or 3,4-difluorophenyl and  $R_2$  is phenyl,  $R_3$  is  $C_1$ - $C_6$  alkyl or  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more hydroxyl groups.
43. A compound of claim 1 wherein  $R_1$  is 4-fluorophenyl or 3,4-difluorophenyl and  $R_2$  is phenyl,  $R_3$  is  $C_1$ - $C_6$  alkyl or  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more protected hydroxyl groups.
44. A compound of claim 1 wherein  $R_1$  is 4-fluorophenyl or 3,4-difluorophenyl and  $R_2$  is phenyl,  $R_3$  is  $C_1$ - $C_6$  alkyl or  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more methoxy groups.
45. A compound of claim 1 wherein  $R_1$  is phenyl and  $R_2$  is 4-fluorophenyl,  $R_3$  is  $C_1$ - $C_6$  alkyl or  $C_1$ - $C_3$  cycloalkyl,  $R_4$  is hydrogen and  $R_5$  is phenyl substituted with two or more hydroxyl groups.

46. A compound of claim 1 wherein R<sub>1</sub> is phenyl and R<sub>2</sub> is 4-fluorophenyl, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more protected hydroxyl groups.
47. A compound of claim 1 wherein R<sub>1</sub> is phenyl and R<sub>2</sub> is 4-fluorophenyl, R<sub>3</sub> is C<sub>1</sub>-C<sub>6</sub> alkyl or C<sub>1</sub>-C<sub>3</sub> cycloalkyl, R<sub>4</sub> is hydrogen and R<sub>5</sub> is phenyl substituted with two or more methoxy groups.
48. A pharmaceutical composition comprising one or more compounds of claim 1.
49. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of the one or more of the compounds claim 48.
50. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[3-(2,4-dimethoxyphenylcarbamoyl)-5-(4-fluorophenyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
51. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[3-(2-methoxy-4-hydroxyphenylcarbamoyl)-5-(4-fluorophenyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
52. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[3-(2,4-dihydroxyphenylcarbamoyl)-5-(4-fluorophenyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
53. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[2-cyclopropyl-3-(2,4-dimethoxyphenylcarbamoyl)-5-(4-fluorophenyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
54. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[3-(2,4-dimethoxyphenylcarbamoyl)-

- 4,5-diphenyl-5-(4-fluorophenyl)-2-(1-methylethyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
55. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[4,5-bis(4-fluorophenyl)-3-(2,4-dimethoxyphenylcarbamoyl)-2-(1-methylethyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
56. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[3-(3,5-dimethoxyphenylcarbamoyl)-5-(4-fluorophenyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
57. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[3-(3,4-dimethoxyphenylcarbamoyl)-5-(4-fluorophenyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
58. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[4,5-bis(4-fluorophenyl)-2-cyclopropyl-3-(2,4-dimethoxyphenylcarbamoyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
59. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[5-(3,4-difluorophenyl)-3-(2,4-dihydroxyphenylcarbamoyl)-2-(1-methylethyl)-4-(4-fluorophenyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
60. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[2-cyclopropyl-5-(3,4-difluorophenyl)-3-(2,4-dihydroxyphenylcarbamoyl)-4-(4-fluorophenyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
61. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[5-(3,4-difluorophenyl)-3-(2,4-



- dihydroxyphenylcarbamoyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
62. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[5-(3,4-difluorophenyl)-3-(2,4-dimethoxycarbamoyl)-4-(4-fluorophenyl)-2-(1-methylethyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
63. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[2-cyclopropyl-5-(3,4-difluorophenyl)-3-(2,4-dimethoxycarbamoyl)-4-(4-fluorophenyl)-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
64. A pharmaceutical composition, useful as hypocholesteromic agent, comprising a hypocholesteromic effective amount of 7-[5-(3,4-difluorophenyl)-3-(2,4-dimethoxycarbamoyl)-2-(1-methylethyl)-4-phenyl-pyrrol-1-yl]-3R, 5R-dihydroxy-heptanoic acid calcium salt with a pharmaceutically acceptable carrier.
65. A method of inhibiting cholesterol biosynthesis in a patient in need of such treatment by administering a pharmaceutical composition as defined by claim 78.
66. A method of inhibiting cholesterol biosynthesis in a patient in need of such treatment by administering a pharmaceutical composition as defined by claim 79.